11316 LORAN-C OVERPRINTED

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG222), National Ocean Service, NOAA, Rockville, Maryland 20852.

Formerly CGDS 1264. 1st Ed., May 1922 C-1939-510

UNITED STATES - GULF COAST
TEXAS
MATAGORDA BAY AND APPROACHES

Mercator Projection
Scale 1:80,000 at Lat. 28°27'
North American Datum of 1983 (World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLLW)			
	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
Pass Cavallo (28°27'00"N/96°23'00"W) (1089)	feet 1.1	feet 0.9	feet 0.0	feet -0.5

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.160" northward and 0.886" westward to agree with this chart.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

CAUTION
SUBMARINE PIPELINE AND CABLES
Charted submarine pipeline and cables are shown as ——— ——— ———

Additional uncharted submarine oil and gas pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging or trawling.

Covered wells may be marked by lighted or unlighted buoys.

CAUTION
Survey platforms, signs, piles, piles, and stakes, some submerged, may exist along the maintained channels. Piles and platforms are not charted where they interfere with a light symbol.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

LORAN-C
GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz
PULSE REPETITION INTERVAL
7980 ..... 79,800 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators)
M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary
EXAMPLE: 7980-X

RATES ON THIS CHART
7980-W 7980-X 7980-Y

The Loran-C correction tables published by the Defense Mapping Agency or others should not be used with this chart. The lines of position shown have been adjusted based on survey data. Every effort has been made to meet the 1 nautical mile accuracy criteria established by U.S. Coast Guard. Mariners, however, are cautioned not to rely solely on the lattices in harbors and rivers.

LORAN LINEAR INTERPOLATOR
MICROSECONDS

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
Victoria, Texas WXK-34 162.40 MHz

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, Louisiana, or at the Office of the District Engineer, Corps of Engineers in Galveston, Texas.
Refer to charted regulation section numbers.

NOTE B
Regulations for Ocean Dumping Sites are published at 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from Environmental Protection Agency (EPA), See U.S. Coast Pilots appendix for addresses of EPA offices.

NOTE C
MATAGORDA SHIP CHANNEL
Strong currents may be encountered in the vicinity of the entrance to Matagorda Ship Channel.

NOTE D
CAUTION
Pass Cavallo
The bar channel at Pass Cavallo is subject to continuous change and swift currents. DO NOT NAVIGATE in or through the area without absolute knowledge of channel location and depth.

POLLUTION REPORTS
Report oil spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephonic communication is impossible (33 CFR 153).

PORT LAVACA HARBOR
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 1985
CONTROLLING DEPTH FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER

NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
PORT LAVACA CHANNEL: JUNCTION WITH THE MATAGORDA SHIP CHANNEL TO PORT LAVACA (THE TURNING BASIN)	5.6	100	1-85
	11.2	90-300	1-85
ANCHORAGE BASIN	12.0	400	1-85
ANTHONY CHANNEL	12.0	125	1-85
NORTH-SOUTH BASIN	12.0	400	1-85
EAST-WEST BASIN	9.0	350	3-85
PORT LAVACA CHANNEL TO THE MOUTH OF THE LAVACA RIVER THENCE TO RED BLUFF (SW) THE LAVACA (NE) MAGNES (NW/SE)	1.5	100	1-85
	0.6	100	1-85

NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE
PREPARED BY CHARTING BRANCH, ACHEVA

MATAGORDA SHIP CHANNEL
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 1985
CONTROLLING DEPTH FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)

NAME OF CHANNEL	LEFT OUTSIDE RANGE	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE RANGE	DATE OF SURVEY	PROJECT DIMENSIONS WIDTH (FEET)	LENGTH (FEET)	DEPTH MLLW (FEET)
BAY AND JETTY CHANNEL	45.0	45.0	45.0	5-83	300	2.70	36
THENCE TO LIGHT 46	32.0	34.0	32.0	5-83	300-200	10.80	36
THENCE TO LIGHT 76	35.1	39.0	35.1	1-83	200	7.40	36
THENCE TO PORT							
COMFORT TURNING BASIN	36.0	37.0	33.0	1-83	350	0.58	36
TURNING BASIN	38.0	39.0	38.0	1-83	1000	0.17	36

NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION
PREPARED BY CHARTING BRANCH, ACHEVA

CHANNEL TO PALACIOS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 1985
CONTROLLING DEPTH FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)

NAME OF CHANNEL	DEPTH (FEET)	WIDTH (FEET)	DATE OF SURVEY
CHAN TO BASINS AT PALACIOS (CITY DOCK) BASIN	11.0	100	12-86
ENTRANCE TO MUNICIPAL (WEST) BASIN	10.0	150	1-80
MUNICIPAL BASIN	10.0	400-150	1-86
	10.0	240	1-86

NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE
PREPARED BY COMPUTER ASSISTED METHOD

INTRACOASTAL WATERWAY
(use charts 11315, 11316)
The present depth is 12 feet from New Orleans La. to Aransas Pass, Texas.
The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

WARNING
The present depths will not always be as a single aid to navigation periodically will not always be as a single aid to navigation periodically will not always be as a single aid to navigation periodically

SOUNDINGS IN FEET

LORAN-C
GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz
PULSE REPETITION INTERVAL
7980 ..... 79,800 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators)
M ..... Master
W ..... Secondary
V ..... Secondary
X ..... Secondary
Y ..... Secondary
EXAMPLE: 7980-X

RATES ON THIS CHART
7980-W 7980-X 7980-Y

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Refer to charted regulation section numbers.

NOTE B
Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-228. Additional information concerning the regulations and requirements for use of the sites may be obtained from Environmental Protection Agency (EPA). See U.S. Coast Pilot 5 appendix for addresses of EPA offices.

CHANNEL TO PALACIOS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 1980

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER			
NAME OF CHANNEL	DEPTH (FEET)	WIDTH (FEET)	DATE OF SURVEY
DOWN TO BASING AT PALACIOS	13.0	125	12-Mo-80
CITY (EAST) BASIN	13.0	100	1-80
ENTRANCE TO MUNICIPAL (WEST) BASIN	12.6	400-100	1-80
MUNICIPAL BASIN	12.0	340	1-80

NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

PREPARED BY COMPUTER CONTROLLED METHODS

COLREGS: International Regulations for Preventing Collisions at Sea, 1972
Demarcation lines are shown thus: ———

NOTE C
Numerous uncharted gas and oil well structures, pipes, piles, and stakes exist within the offshore oil production areas indicated by obscured magenta lines.
Uncharted oil well drilling structures may be found outside the indicated areas.

INTRACOASTAL WATERWAY AIDS
The U.S. Aids to Navigation System is designed for use with nautical charts and the exact meaning of an aid to navigation may not be clear unless the appropriate chart is consulted.
Aids to navigation marking the Intracoastal Waterway exhibit unique yellow symbols to distinguish them from aids marking other waterways.
When following the Intracoastal Waterway westward from Carrabelle, Florida to Brownsville, Texas, aids with yellow triangles should be kept on the starboard side of the vessel and aids with yellow squares should be kept on the port side of the vessel.
A horizontal yellow band provides no lateral information, but simply identifies aids to navigation as marking the Intracoastal Waterway.

INTRACOASTAL WATERWAY
Sabine (Harris 11313) to 11316
The project depth is 12 feet from New Orleans La. to Aransas Pass Texas.
The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

WARNING
The gradient markers are not very satisfactory for navigation purposes as an ongoing aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 5 for important supplemental information.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

MINERAL DEVELOPMENT STRUCTURES
Obstruction lights and sound (fog) signals are required for fixed mineral development structures shown on this chart, subject to approval by the District Commander, U.S. Coast Guard (33 CFR 67).

CAUTION
CHANGES in BUOYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are black and red buoys to green, black and white vertically striped buoys to red and white vertically striped buoys, and lateral lights from white to red or green as appropriate. Changes in aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

MATAGORDA SHIP CHANNEL
Range Line "C" not shown within the channel limits, marks the centerline of the Matagorda Ship Channel.

NOTE D
CAUTION
Pass Cavallo
The bar channel at Pass Cavallo is subject to continuous change and swift currents. DO NOT NAVIGATE in or through the area without detailed knowledge of channel location and depth.

CAUTION
MATAGORDA SHIP CHANNEL
Strong currents may be encountered in the vicinity of the entrance to Matagorda Ship Channel.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

PROJECT DIMENSIONS

WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
300	2.70	35
400-200	10.80	36
200	7.40	35
150	0.80	34
1200	0.17	38

Nautical Miles
Yards
Meters

SOUNDINGS IN FEET

Nautical Chart Catalog No. 1, Panel 1

Palacios Municipal Airport
Collegeport
Pelican Slough
PALACIOS
Palacios Bay
Turtle Bay
Caranchua Bay
Caranchua
Port Alto
Olivia
Salt Lake
Redfish Lake
Keller Bay
Rhodes Pt.
Wall Pt.
St Camps Club Community
Oyster Lake
Hollomon Pt.
Hollomon Bay
Colorado River
MATAGORDA
Wild Cow Island
Buster Island
McNabb Island
OLD GULF
EAST MATAGORDA BAY
GULF INTRACOASTAL WATERWAY
Matagorda Island
Marsh
Mud Flats
Parwell I.
PORT O'CONNOR
Matagorda (Sub Airfield) (Abandoned)
PASS CAVALLO
Matagorda Pt. Beac Sth (2)
Lake Austin
Lavaca Bay
Powderhorn Lake
Tres Palacios Bay
Caranchua Bay
Keller Bay
Matagorda Bay
Espiritu Santo Bay
GULF OF MEXICO
FAIRWAY ANCHORAGE (see note A) 166 200'
SAFETY FAIRWAY (see note A) 166 200'
COLREGS DEMARCATION LINE
Fairway Channel
Entrance Channel
Jetty
Pipeline
Submarine Cable
Obstructions Well and Pipelines (see note C)
Platform
Wreck
Rig
Buoy
Light
Fog Signal
Radio Tower
Radar
Tank
Church
Cemetery
Ruins
Pier
Wharf
Boat Harbor
Boat Ramp
Marina
Submerged Rock
Foul Area
Anchorage
Quarantine Area
Restricted Area
Caution Area
Danger Area
Magnetic Anomaly
Magnetic Compass Adjustment Area
Seaplane Landing Area
Submarine Operating Area
Submerged Wreck
Submerged Obstruction
Submerged Pipeline
Submerged Cable
Submerged Power Cable
Submerged Telephone Cable
Submerged Telegraph Cable
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